

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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SERIAL NO.:

FILED: Herewith

TITLE: DRIVE SOURCE OF A CAMERA LENS

Preliminary Amendment: CLAIM AMENDMENTS

1. (Currently amended) A drive source of a camera lens ~~comprises~~ comprised of a camera lens mount and multiple telescopic lens, ~~whereas the, said drive source is comprised of~~ comprising:
a stepper motor ~~made with~~ having a coil stator with multiple pole teeth and the magnetic ring rotor. ~~The, said camera lens mount is being~~ built with coil stator inside, and the magnetic ring rotor ~~is being~~ affixed to the designated space of the coil stator. ~~The; wherein an~~ external thread of the telescopic lens is screwed with the internal thread inside the spindle of the magnetic ring rotor, and the limit traveler outside of the telescopic lens couples with the guide block of the camera lens mount to form a rotation-proof device, so as to rotate magnetic ring rotor as a result to the reaction to coil stator. ~~The; and wherein an~~ internal thread inside the spindle drives the telescopic lens with external thread to form a camera lens module with built-in drive source.

2. (Currently amended) The drive source of camera lens defined in Claim 1, wherein said camera lens mount is ~~equipped with~~ comprised of a thrust ring on the up-side and down-side of the magnetic ring rotor respectively to limit the axial movement of the magnetic ring rotor and ~~offers~~ offer thrust reversal to telescopic lens in telescopic movement.

3. (Original) The drive source of camera lens defined in Claim 1, wherein said guide block of camera lens mount can be affixed to a sheath, which is stabilized on the camera lens mount, also the coil stator inside the camera lens mount.

4. (Original) The drive source of camera lens defined in Claim 1, wherein said external thread and limit traveler of the telescopic lens can be affixed to the peripheral surface of the lining tube so as to stabilize the telescopic lens to the terminal of the lining tube for convenient assembly of the telescopic lens.